

The invention relates to a reduction processing method including a step for eliminating an "inside-out side" contained in the sides of an offset figure generated by sizing a source figure. The inside-out side detected by the presence of a first intersection point at which adjacent offset locus line segments intersect. The step includes i) deleting the offset vertices each of which is located at one end of one of the offset locus line segments intersecting at the first intersection point, and ii) revising the offset figure by finding a second intersection point at which offset figure line segments, which form the offset figure by joining the offset vertices, intersect each other, and by setting the second intersection point at the position of the detected offset vertices as an offset vertex.